



# Access Technology Ireland

## *Integrated Security Solutions:*

### • Traffic Barriers Model THD 9M

Immense strength, and Electro-hydraulic operation have been designed into the THD Heavy Duty Vehicle Barriers making them ideal for high-vandal, unsupervised applications, with the performance required for the highest usage sites.

Arm lengths of up to 9m as standard, and a range of heavy-duty options including raised 'apex' traffic signs make these ideal for use with HGV's.

Multi-layer protective coatings make these suitable for a wide range of commercial and industrial application in the harshest external environments. Programmable solid state control combines simplicity, reliability and ease of maintenance.



• Networked Access Control Solutions.

• Card / Code Access Systems.

• I.D. Badge Systems.

• Traffic Barriers.

• Coin / Token Car Parking.

• Turnstiles.

## **Key Features**

• Powerful, electro-hydraulic design for years of trouble-free service..

• Available with centre mounted (yoke) arm, or side mounted arm to provide all configurations e.g. bottom lattice raised HGV stop sign etc..

• Immensely strong cabinet for high vandal resistance in unsupervised locations.

• Programmable solid state control unit provides total reliability and a complete choice of control: all available access control systems, local or remote pushbuttons, vehicle ID systems, remote transmitter units etc.

• Continuously rated, no limitations on number of operations per hour – can handle the highest throughput site.

• Reliability proven in high usage industrial, commercial and military sites over long periods with minimum maintenance

• Available in a wide range of operating voltages.

• Gate Automation.

• Automatic Door Operators.



• Electric Locking.

• C.C.T.V.

• Intercom Systems.

*design, installation and commissioning  
of integrated security systems.*

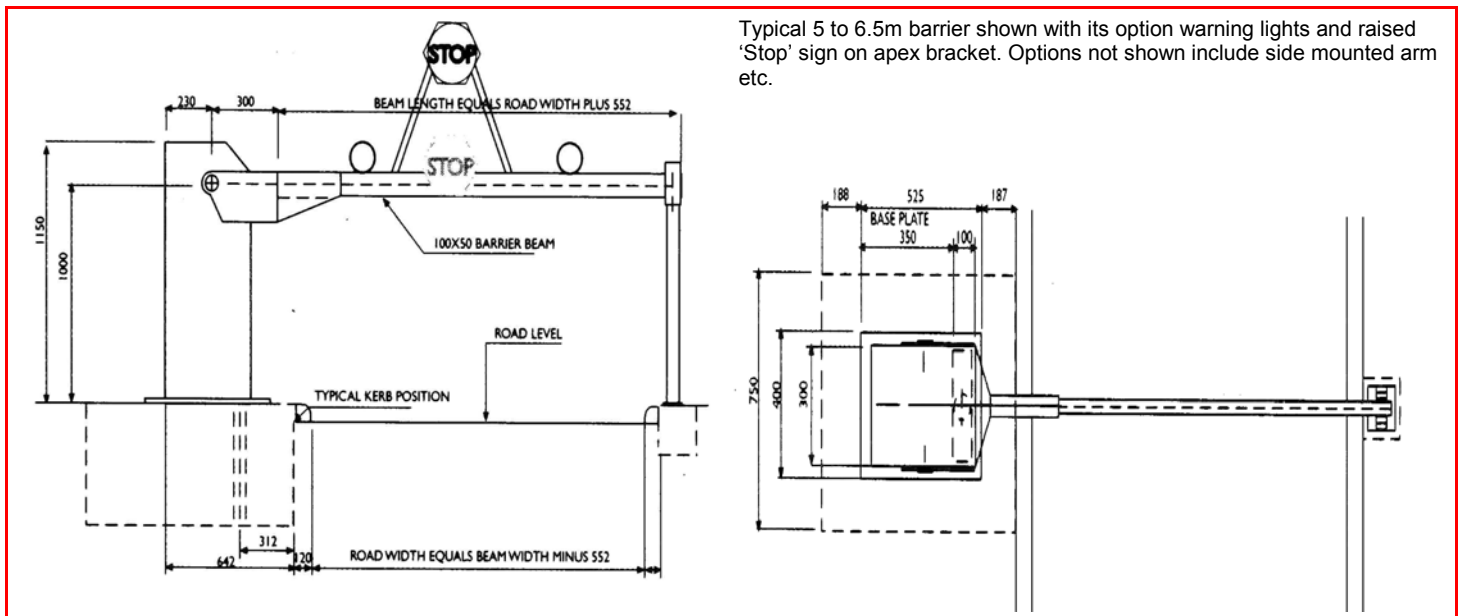
# General Specification

- **HYDRAULIC SYSTEM.**
- Heavy duty motor separate pump and continuously rated solenoids give high reliability under both very high, and very low use.
- Instantaneous reversal of arm movement anywhere in travel.
- Arm pivots on massive continuous-line-duty bearings.
- Operating speed adjusted to suit arm type and local conditions, rises full 90 degrees in 4 to 6 seconds.
- Hydraulic damping and 'final lowering' provides smooth, controlled operation.
- **CABINET.**
- Continuously welded casing of 10 mm and 3 mm mild steel provides immense strength and security.
- Top and rear covers are readily removed by key providing easy access for maintenance personnel.
- High quality powder coating finishes, minimum 75 microns DFT over 'Kephos' long-life anti-corrosion treatment.
- 10 mm base plate takes 6 widely spaced fixings for security of mounting.
- **ARM.**
- High grade aluminium of 3 mm wall thickness; 50 mm x 100 mm section up to 7m length, 100 mm dia. Section up to 9m length.
- Centre mounted 'yoke' fixing available for arms up to 7m with out balance weights. No 'handing' required.
- Up to 9m arms as standard with side mounting arm and balance weights.
- **CONTROL SYSTEM.**
- Modular, programmable, solid state, plug-in control unit in IP55 enclosure; easily changed for maintenance. Built-in cumulative counting facility.
- All available access etc, systems accommodated using plug-in programmer to change factory-set defaults for delays, time out, etc.
- Standard operating range; -10 to +45 degrees centigrade.
- Integral mains isolator. Typical single phase unit requires 15 amp supply at 240v a.a.

## Options and Accessories

- Collapsible and fixed 'below the arm' lattice curtains for up to 9m arms.
- Radio transmitters / receiver facility to allow remote (e.g. in-car) operation.
- Hydraulic locking of arm in any position prevents unauthorised access.
- Induction loop or infra-red safety, auto close and free entry / exit.
- Articulated arm for height restricted access.
- Fixed beam rest or beam mounted rest for maximum read clearance.
- Card access / token reader / intercom mounting posts in complementary designs.
- Arm mounted warning lights, 'Stop' / 'No-Entry' signs (signs available on raised 'apex' brackets for HGV traffic).

## Technical Specification



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